

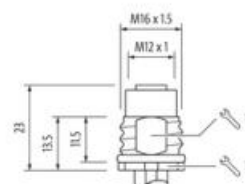
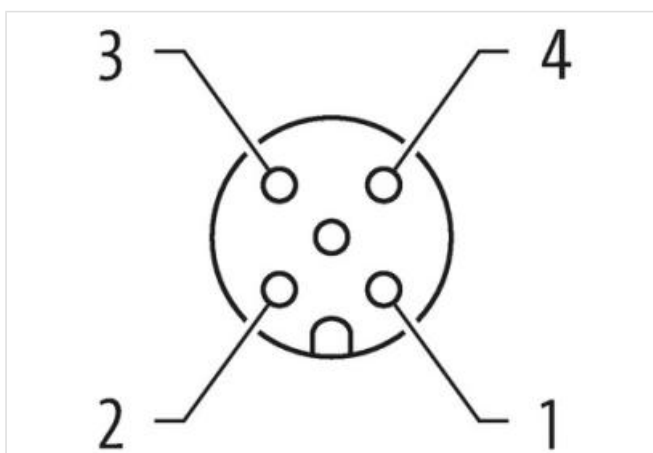
**M12 female recept. A-cod. rear**

PP-wires 4x0.34 1m

Flange female  
M12, 4-pole  
Rear mounting  
with multi-strand wire

[Link to Product](#)**Illustration**

|   |    |
|---|----|
| 1 | BN |
| 2 | WH |
| 3 | BU |
| 4 | BK |





Product may differ from Image



|                                     |                    |
|-------------------------------------|--------------------|
| Cable length                        | 1 m                |
| Side 1                              |                    |
| Tightening torque                   | 0,6 Nm             |
| Mounting method                     | inserted, screwing |
| Coating contact                     | gold plated        |
| Family construction form            | M12                |
| Thread                              | M12 x 1            |
| Coding                              | A                  |
| Material contact                    | Copper alloy       |
| Material                            | Brass              |
| No. of poles                        | 4                  |
| Degree of protection (EN IEC 60529) | IP67               |
| Side 2                              |                    |
| Coating contact                     | gold plated        |
| Commercial data                     |                    |
| ECLASS-6.0                          | 27279220           |
| ECLASS-6.1                          | 27279220           |
| ECLASS-7.0                          | 27440103           |
| ECLASS-8.0                          | 27440103           |
| ECLASS-9.0                          | 27440103           |
| ECLASS-10.1                         | 27440103           |
| ECLASS-11.1                         | 27440103           |
| ECLASS-12.0                         | 27440103           |
| ETIM-5.0                            | EC001855           |
| customs tariff number               | 85444290           |
| GTIN                                | 4048879330008      |
| Packaging unit                      | 1                  |
| Electrical data   Supply            |                    |
| Operating voltage AC max.           | 250 V              |
| Operating voltage DC max.           | 250 V              |
| Current operating per contact max.  | 4 A                |
| Diagnostics                         |                    |

|                       |    |
|-----------------------|----|
| Status indication LED | no |
|-----------------------|----|

#### Installation | Connection

|                    |           |
|--------------------|-----------|
| Mounting set       | M16 x 1.5 |
| Width across flats | SW19      |

#### Device protection | Electrical

|  |                   |
|--|-------------------|
| Protection NEMA                        | 3, 4, 6P          |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Rated surge voltage                    | 2,5 kV            |
| Material group (IEC 60664-1)           | I                 |

#### Mechanical data

|                             |         |
|-----------------------------|---------|
| Contour for corrugated hose | without |
|-----------------------------|---------|

#### Mechanical data | Material data

|                           |               |
|---------------------------|---------------|
| Coating housing           | nickel plated |
| Coating locking           | nickel plated |
| Coating of fitting        | nickel plated |
| Material gasket           | FKM           |
| Locking material          | Brass         |
| Material screw connection | Brass         |

#### Mechanical data | Mounting data

|                    |                |
|--------------------|----------------|
| Mounting method    | Schraubgewinde |
| Looking techniques | Schraubgewinde |

#### Environmental characteristics | Climatic

|  |                            |
|--|----------------------------|
| Operating temperature min.             | -25 °C                     |
| Operating temperature max.             | 85 °C                      |
| Additional condition temperature range | depending on cable quality |

#### Conformity

|                  |                          |
|------------------|--------------------------|
| Product standard | DIN EN 61076-2-101 (M12) |
|------------------|--------------------------|

#### Approvals

|        |     |
|--------|-----|
| UL 50E | yes |
|--------|-----|

#### Installation | Cable

|  |  |
|--|--|
| Cable identification                     | 971  |
| Material wire insulation                 | PUR  |
| Amount wires                             | 4  |
| Outer diameter insulation                | 1,3 mm   |
| Outer diameter tolerance core insulation | ± 5 %  |
| Conductor crossection (wire)             | 0,34 mm²   |
| Min. operating temperature (static)      | -40 °C   |
| Max. operating temperature (fixed)       | 90 °C  |
| Operating temperature min. (dynamic)     | -25 °C   |
| Operating temperature max. (dynamic)     | 90 °C  |
| Flame resistance                         | UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2  |
| chemical resistance                      | Good, application-related testing                    |
| Gasoline resistance                      | Good, application-related testing                    |
| Oil resistance                           | DIN EN 60811-404   Good, application-related testing |
| Bending radius (fixed)                   | 5 x Outer diameter                                   |